

ARC NEWS

OUR SIXTY SECOND YEAR

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Editor

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Publisher

MEETINGS : 2nd and 4th Fridays each Month.
U.C. Missions Bldg.
222 S. Downey Ave.

Newsletter #5

8:00 P. M.

MAR 11 77

MEETING: March 11, 1977.

Mr. Bill Miller, Senior Facilities Supervisor for the Indiana Bell Telephone Co. will speak on FIBER OPTICS, and their use in the communications field. Along with your current telephone bill you may have received a description of a new glass fiber project being undertaken in Chicago. by the telephone company. Very interesting, Be there.

FIRESIDE CHAT Mike Williams, K9QHO, our President, announced the following activities currently planned and being executed:-- The Club will produce a new Area Call Book this year with Harold McGee, W9LZ, acting as Chairman of that committee. Hams in Marion County as well as those within a radius of 25 miles of Indy will be included. Deadline for completion is October 1977. The club will dispose of its currently held copies of the Fifth issued Directory via our local radio stores at bargain prices. Members who did not get a copy heretofore may pick up one from the Treasurer, free at the next meeting.
The Club will participate in a Field Day contest with Cary Carender, WB9LID chairman of that committee, together with the IUPUI Radio Club with Charles Yokomoto, WB9HOE Coordinator. The site chosen is Cary's Ranch near Greenfield, Ind.-- An Operating Exhibit is being planned for the Indiana State Fair, next August, probably consisting of a low freq CW & SSB operation, hopefully from the Purdue Univ. Bldg. on the Fairgrounds. No Chairman for this operation as yet. Mike presented a door prize consisting of the new ARRL Operating Handbook which was donated by the Cains when here in January. The lucky winner was Robt. Scott WA9BSK.--Mike also initiated a new procedure when business must be conducted. The meeting was recessed for ten minutes after the main program concluded for refreshments, then resumed for another session of business, a most welcome procedure we should like to continue.

COOPER KUDOS The Club's thanks and appreciation were bestowed on Ron Cooper, WB9DKL, V. P. and Program Chairman for the outstanding schedule of programs developed for the balance of the year, by the Program Committee under his leadership. We also appreciate the printed program Schedule issued in February 1977 to help us plan to attend meetings and not miss any of the gems listed. You have made a significant contribution to the Club and Amateur Radio.

FORMS Alvey Pittman, W9EL advises that forms for the renewal of Amateur Radio Licenses have arrived and are available to the membership via the Treas at meetings.

CLUB DUES \$6.00 for resident, \$3.00 for Non-resident and student, and \$60.00 for a Life Membership. March 1st. is the deadline for paying same This will be your last newsletter unless you are paid up.

March, 1977

INDIANAPOLIS RADIO CLUB W9JP.

Newsletter #5

CAR POOL A number of our brother Hams would like to attend our Club Meetings but are unable to drive at night or lack transportation. Look around your neighborhood and determine if any of your neighbor Hams need a lift. A little checking on 2 meters should uncover a vast untapped potential of young squirts and old timers alike.

FALL CREEK NET For those of us who have or still operate 2 meter AM. This net meets on 145.7 Mhz. on Sunday Nites at 9:30 PM. EST. and holds forth for about a half hour. Chalmers, WA9HQB, of McCordsville usually is Net Control and MC, with about 15 stations reporting in. Join in and dust the cobwebs off that Ancient Modulation gear. Hi.

LICENSE PLATES FOR HAMS Word had it that a bill was going to be introduced into the Indiana Legislature to do away with the special license plates. According to WA9BVS and W9MFA of Sullivan, Ind. no such bills will reach the floor and there will be no increase in the \$2.00 fee for 1978. Good news.

PROGRAM REVIEW February 11, 1977. Approx 35 members and guests attended to hear Tom Walker and Jim Cox of the Indpls Power and Light Co. present a program on Towers and Antenna Structures. By means of a color slide show, Transcontinental transmission line towers was shown in every stage of assembly and installation. Each section is assembled on the ground and then lifted into position by powerful cranes. The most difficult operation is attaching the lines to the towers when completed. Some 150 feet in the air. Galvanized towers last the longest in normal weather. Rusting towers may be painted with a good Rust-O-Leum paint, using a mitt worn on the hand and the paint sloshed on. Plastic covered Guy wire is not too good, as water gets inside and rusts the metal core. Wood poles are available up to 120 feet long. Yellow cedar poles are the best and cost about \$7.00 per foot. Our speakers are available for tower work and have a source for doing machine-shop work, making special hardware such as boom to mast clamps and mast tilt-over hardware.

PROGRAM REVIEW February 25, 1977. Members and guests heard Dave Stillson WB9DCB speak on Microprocessors and their application in Amateur Radio services. The chips currently in use are the 8008 at \$6.00, the 8080 at \$39.95 and the 780 Zyleg at \$80.00. Dave advises do not purchase surplus chips for serious work because you will end up with complicated circuit repairing situation. Use only TOP-Line goods for serious projects. A number of good books are available on the market in addition to the number of good articles in Ham magazines. The so called BUG BOOKS I, II, and III are very thoro in their coverage of the current micro-art. Dave explained in detail the relationships of the three numbering systems, Decimal, Binary and Octal. Dave with his Central Processing Unit, demonstrated a number functions which he had programed into the unit which appeared on a TV set screen. His son Dean ably operated the keyboard and had a good grasp of the machine's management. Thanks Dave for updating us in this state of the art.

HELP NEEDED Bob Osterhous has a couple of novices who are working on getting their tickets, they are in need of a good Ham receiver or complete Novice station. If you have something that will fill the bill call Bob Osterhous W9PSE at 842-0034 Evenings.

FREE AT LAST Chairman Dick Wiley of the FCC has advised that FCC license fees will not be reinstated as was previously thought. He plans to cover costs of his bureau by asking for a budget of 60 million. We shall be paying for our tickets via the Income Tax route instead.

73's BR/AI